



AUTEXIER

MANUFACTURER OF INDUSTRIAL VALVES

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Ref. 591 Family : 09

Rev. 09

Date : 19 Feb. 2025

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BRONZE DOUBLE WEDGE GATE VALVE WITH FLANGES

Ref. 591.Ø

SERIES :

- 591

For material compatibility, contact us



CARACTERISTICS :

- PN16 (Nominal Pressure)
- ENDS : ISO PN10 or PN16 Flanges
- MATERIAL : BRONZE CC491K

MAXIMUM CONDITIONS OF USE :

- 16 bar of -15°C to 150°C

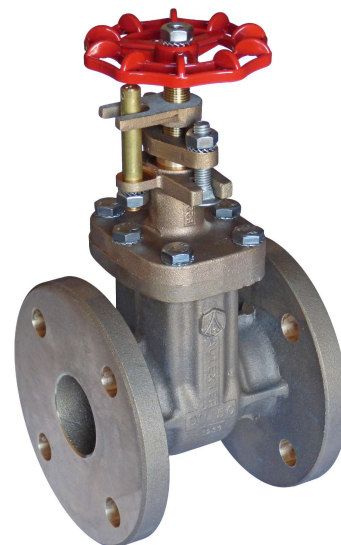
APPLICATIONS :

- Seawater
- Water-based fluids
- Steam (8 bar)

OPTIONS :

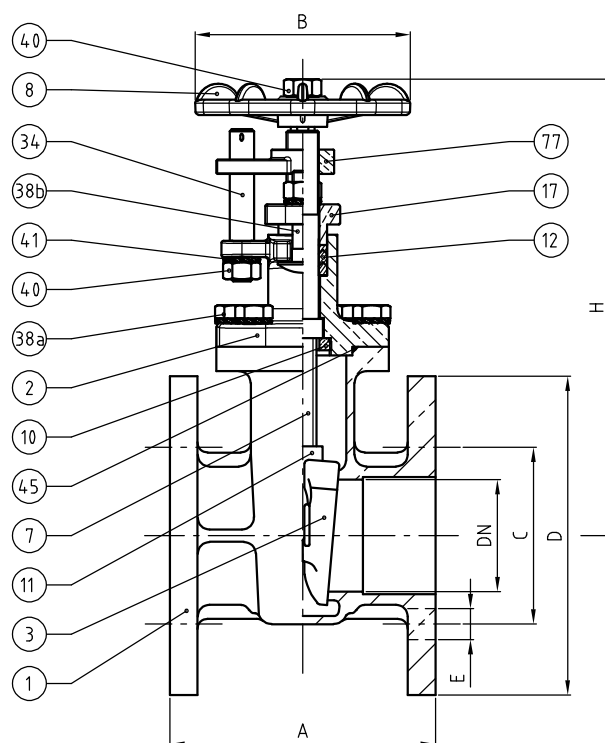
- Special drilling
- Face to face

Specific dimensions, contact us



Subject to modifications

NOMENCLATURE			
Rep	Qty	Designation	Material
1	1	BODY	BRONZE
2	1	BONNET	BRONZE
3	1	DOUBLE WEDGE DISC	BRONZE
7	1	STEM	ALUMINIUM BRONZE
8	1	HANDWHEEL	EPOXY COATED ZAMAK / EPOXY COATED STEEL (DN65)
10	1	STEM NUT	BRASS
11	1	WEDGE DISC NUT	BRONZE
12	m	PACKING	PTFE
17	1	PACKING FLANGE	BRONZE
34	1	GUIDE	BRASS
38a	n	SCREW	STAINLESS STEEL A4-70
38b	2	SCREW	STAINLESS STEEL A4-70
40	4	NUT	STAINLESS STEEL A4-70
41	o	WASHER	STAINLESS STEEL A4
45	1	O-RING	FPM
77	1	TRAVEL INDICATOR	BRONZE



REFERENCES NORMS :

- Material : NF EN 1982 - NF EN 12163 - NF EN 12164 - NF EN 10272
- Testing & checking : NF EN 12266-1/-2 (bench test)
- Face to face : NF EN 558 - Series 29

Ref. instruction of assembling : 0904DA123E

Ref. instruction of operation : 0904DA087E

Mounting & assembly guides are available on our website.

DIMENSIONS										
DN	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	m	n	o	Weight (Kg)
32	127	110	100	140	18	209	1	6	9	7.700
40	136	110	110	150	18	220	1	6	9	7.840
50	142	110	125	165	18	235	1	6	9	11.330
65	154	150	145	185	18	270	4	8	13	14.280

These data are for information and can be modified without notice. It is not up to us to appreciate specifications. It is up to the customer to verify the adequacy between the equipment chosen and the real conditions of use.



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BRONZE DOUBLE WEDGE GATE VALVE WITH FLANGES

Ref. 591.Ø

SERIES :

- 591

For material compatibility, contact us



CARACTERISTICS :

- PN16 (Nominal Pressure)
- ENDS : ISO PN10 or PN16 Flanges
- MATERIAL : BRONZE CC491K

MAXIMUM CONDITIONS OF USE :

- 16 bar of -30°C to 100°C

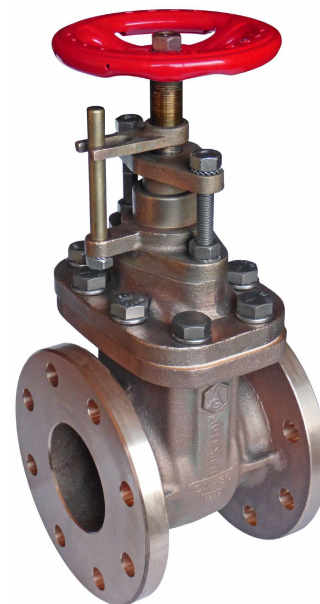
APPLICATIONS :

- Seawater
- Water-based fluids
- Steam (8 bar)

OPTIONS :

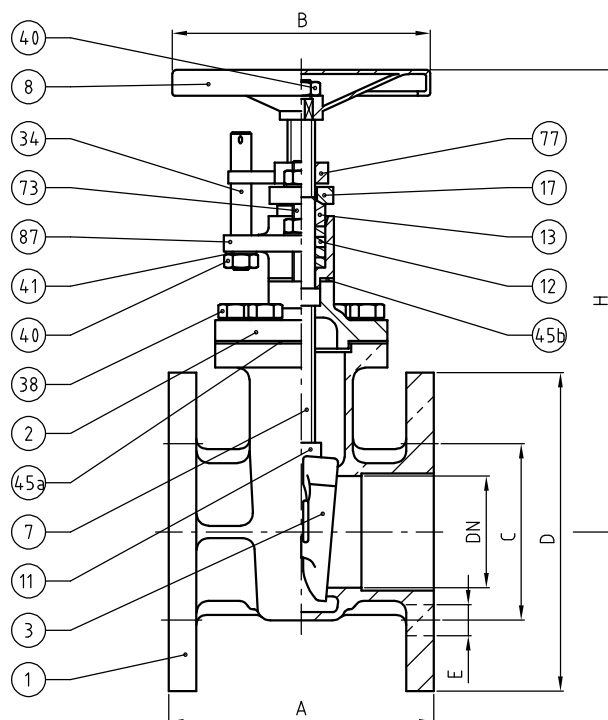
- Special drilling
- Face to face

Specific dimensions, contact us



Subject to modifications

NOMENCLATURE			
Rep	Qty	Designation	Material
1	1	BODY	BRONZE
2	1	BONNET	BRONZE
3	1	DOUBLE WEDGE DISC	BRONZE
7	1	STEM	ALUMINIUM BRONZE
8	1	HANDWHEEL	EPOXY COATED STEEL
11	1	WEDGE DISC NUT	BRONZE
12	m	PACKING	GRAPHITE + FIBER
13	1	PACKING GLAND	BRONZE
17	1	PACKING FLANGE	BRONZE
34	1	GUIDE	BRASS
38	n	SCREW	STAINLESS STEEL A4-70
40	6	NUT	STAINLESS STEEL A4-70
41	o	WASHER	STAINLESS STEEL A4
45a	1	GASKET	ELASTOMER FIBER
45b	1	O-RING	NBR
73	2	STUD	STAINLESS STEEL A4-70
77	1	TRAVEL INDICATOR	BRONZE
87	1	PACKING BOX	BRONZE



REFERENCES NORMS :

- Material : NF EN 1982 - NF EN 12163 - NF EN 12164 - NF EN 10272
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Ref. instruction of assembling : 0904DA123E

Ref. instruction of operation : 0904DA087E

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DIMENSIONS										
DN	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	m	n	o	Weight (kg)
80	160	150	160	200	18	300	3	8	13	21.500
100	172	175	180	220	18	335	3	8	13	28.280
125	186	175	210	250	18	390	3	9	14	38.500
150	200	200	240	285	22	452	3	10	15	51.300
200	228	225	295	340	22	535	4	10	15	73.140

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